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APR 27 2005

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| To:   | USPTO (Hoon Song)            | Fax:   | 703.872.9306 |
| From: | Kurt Leyendecker             | Date:  | 4.27.2005    |
| Re:   | Response First Office Action | Pages: | 1 of 36      |
| CC:   |                              |        |              |

Application No.: KG0007  
 Attorney: McGuire et. al.  
 Application No.: 748,961  
 Filing Date: 2882  
 Examiner: Song  
 Date: 12/30/2003  
 Title: Forward X-ray Generation

Attached please find the following documents in connection with the above application:

- 1) Response to Amendment (14 pages)
- 2) Appendix A - 3 pages
- 3) Appendix B - 12 pages
- 4) Appendix C - 3 pages
- 5) Transmittal Form (1 page)
- 6) Fee Transmittal (1 page)
- 7) Petition for Extension of Time (1 page)

  
 Kurt Leyendecker, Esq.

303.768.0644

*In a*  
*Previous attempt at*  
*10:29:14 on 4.27.04 only*  
*35 pgs of 36 were sent.*  
*This is a retransmission of*  
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*4.27.5*

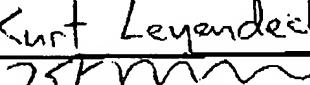
PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  |  |                      |                        |         |
|--|--|----------------------|------------------------|---------|
| <b>TRANSMITTAL<br/>FORM</b><br><small>(to be used for all correspondence after initial filing)</small> |  | Application Number   | 10/748,961             |         |
|  |  | Filing Date          | 12/30/2003             |         |
|  |  | First Named Inventor | McGuire                |         |
|  |  | Art Unit             | 2882                   |         |
|  |  | Examiner Name        | Song                   |         |
| Total Number of Pages in This Submission   |  | 35                   | Attorney Docket Number | 7V0-001 |

| ENCLOSURES (Check all that apply)  |  |  |  |
|--|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply 14 pgs<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input checked="" type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to a Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |  |
| Remarks  |  |  |  |
| <p>Also enclosed are 3 Appendices</p> <p>Appendix A - 3 pgs<br/>         Appendix B - 12 pgs<br/>         Appendix C - 3 pgs</p>   |  |  |  |

|  |   |
|--|---|
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |
| Firm or Individual                         | Kurt Leyendecker  |
| Signature                                  |  |
| Date                                       | 4/27/05   |

|   |   |  |         |
|---|---|--|---------|
| CERTIFICATE OF TRANSMISSION/MAILING   |   |  |         |
| <p>I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <span style="border: 1px solid black; padding: 2px;">4/27/05</span></p> |   |  |         |
| Typed or printed  | Kurt Leyendecker  |  | Date    |
| Signature   |  |  | 4/27/05 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4618).

## FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)  
**160 00**

**Complete if Known**

|                      |            |
|----------------------|------------|
| Application Number   | 10/748,961 |
| Filing Date          | 12/30/2003 |
| First Named Inventor | McGuire    |
| Examiner Name        | Song       |
| Art Unit             | 2882       |
| Attorney Docket No.  | 2V0-001    |

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_  
 Deposit Account Deposit Account Number: 502808 Deposit Account Name: Leyendecker Law Offices

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |              | SEARCH FEES |              | EXAMINATION FEES |              | Fees Paid (\$) |
|------------------|-------------|--------------|-------------|--------------|------------------|--------------|----------------|
|                  | Fee (\$)    | Small Entity | Fee (\$)    | Small Entity | Fee (\$)         | Small Entity |                |
| Utility          | 300         | 150          | 500         | 250          | 200              | 100          | NA             |
| Design           | 200         | 100          | 100         | 50           | 130              | 65           |                |
| Plant            | 200         | 100          | 300         | 150          | 160              | 80           |                |
| Reissue          | 300         | 150          | 500         | 250          | 600              | 300          |                |
| Provisional      | 200         | 100          | 0           | 0            | 0                | 0            |                |

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Small Entity |          |
|--------------|--------------|----------|---------------|--------------|----------|
|              |              |          |               | Fee (\$)     | Fee (\$) |
| 20           | - 20 or HP = | 0        | 0             | 50           | 25       |
|              |              |          |               | 200          | 100      |
|              |              |          |               | 360          | 180      |

HP = highest number of total claims paid for, if greater than 20.

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

4 - 3 or HP = 100 = 100

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

- 100 - / 50 = (round up to a whole number) x = NA

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): One month extension of time. fee 58/22 60 00

|                   |   |                                      |       |           |              |
|-------------------|---|--------------------------------------|-------|-----------|--------------|
| SUBMITTED BY      |  | Registration No.<br>(Attorney/Agent) | 42799 | Telephone | 303 368 0644 |
| Signature         |   |                                      |       | Date      | 4/27/05      |
| Name (Print/Type) | Kurt Leyendecker  |                                      |       |           |              |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

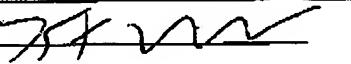
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Appl. No. : 10/748,961  
Applicant : McGuire, et. al.  
Filed : 12.30.2003  
Examining Group : 2882  
Examiner : Song  
Docket No. : ZV0001  
Cust. No. : 36489

APR 27 2005

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

|   |  |
|---|--|
| Certificate of Facsimile(37 CFR 1.8)  |  |
| Date of Facsimile:  | 4.27.05  |
| I hereby certify that this correspondence is being facsimile transmitted to<br>the United States Patent and Trademark Office, Fax No. 703.872.9306. |  |
| Name:   | <u>Kurt Levendecker</u>  |
| Signature:  |  |

## REMARK AND AMENDMENT

Sir:

In response to the First Office Action of December 29, 2005, please consider the following remarks and amendments.

**Amendments to the Specification** begin on page 2 of this paper

**Amendments to the Claims** are reflected in the listing of claims that begins on page 3 of this paper.

The **Remarks Section** begins on page 8 of this paper.